APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Regulation of Supercharge Pressure of Internal Combustion Engines With a Charge of Fuel, Oxygen and Neutral Gas, by Dr Eng Gabriel Becker, 2 pp.

GERMAN, Berlin-Charlottenburg, patented in Germany, 7 Aug XXX 1930.

[redacted]
ID OSUSA F-3432a

13,958

Scientific - Engineering Sep CTS

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Mechanical Descaling of Ship Plates, by Gerhard Becker, 1 p.

GERMAN, draft, Mechanisches Entzundern von Schiffsblechen.

Dept of Commerce
Maritime Admin Property and
Supply Office Services

Sci -
Sept 60

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Construction and Properties of Crystal Oscillators of High Q-Factor, by Gerhard Becker, 36 pp.

GERMAN, per, Archiv der Elekt Ubertr, Vol XII, No 1, 1958, pp 15-25.

SLA 59-10664

Sci - Chem
Sep 59
Vol 2, No 2

97670

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Gottfried, Daeves, Karl, and Steinberg, Fritz.
PROTECTION AGAINST CORROSION BY MEANS OF CHROMIUM DIFFUSION ZONES, try by W. B. Jones. [Jan 47] [7]p. 2 refs.
Order from SLA mi$1.80, ph$1.80 60-18789

Trans. of Verein Deutscher Ingenieure. Zeitschrift (Germany) 1941, v. 85 [no. 5] p. 127-129.

(Unannounced)

60-18789

1. Steel--Corrosion prevention
2. Chromium coatings--Applications
3. Chromium--Diffusion
4. Corrosion--Countermeasures

I. Becker, G.
II. Daeves, K.
III. Steinberg, F.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Gunther.
PREREQUISITES FOR QUALITY CONTROL IN WOOD PRESERVATION WORK. [Paper] read at meeting of the Arbeitsgemeinschaft Holzschutz-Gutesschutz, Cologne, 17 Nov 60. [1962] 31p. 51 refs.
Order from SLA $3.60 62-14811

Trans. of Special reprint of Holz-Zentralblatt (West Germany) 1960 [v. 86] no. 155, p. 1-12.

DESCRIPTORS: •Wood, Preservation, Quality control.

(Materials--Wood, TT, v. 8, no. 5)

62-14811

I. Becker, G.
II. Title: Arbeitsgemeinschaft...

C222663

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Gunther and Gersonde, Martin.
RESULTS OF COMPARATIVE INVESTIGATIONS INTO THE PROTECTION OF TIMBER POLES WITH SALTS. [Paper] read at the Overhead Transmission Conference of the Vereinigung Deutscher Elektrizitätswerke, Dortmund, 26 Sep 60. [1962] 31p. 27 refs. Order from SLA $3.60 62-14827

Trans. of Elektrizitätswirtschaft (West Germany) 1960, v. 59, no. 24, p. 854-864.

DESCRIPTORS: *Wood, *Preservation, Salts, Electric power production, Transmission lines, *Fluorides, *Telephone poles.

(Materials--Wood, TT, v. 8, no. 9)

62-14827

I. Becker, G.
II. Gersonde, M.
III. Title: Overhead . . .

C223943

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Investigations on the Preservative Effect of Pentachlorophenol Against Wood-Destroying Imago Insects, by Gunther Becker, 30 pp.

GERMAN, per, Holz als Roh- Und Werkstoff, Vol X, No 9, pp 341-352, 1952.

SLA Tr 1-7''

B.L.A. Tr 959/56

Sci - Engineering
Sep 56 CER

39,110

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

New Findings Concerning the Preservation of Wooden Poles by Means of Slats, by Gunther Becker, 31 pp.

GERMAN, per, Elektrizitatswirtschaft, Vol LVI, No 7, 1957, pp 207-213.

SLA 59-10957

Sel
Jan 60
Vol 2, No 7

104,680

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Laboratory Testing of Wood Preservatives Against Marine Pests, by Gunther Becker, Bruno Schulze, 8 pp. UNCLASSIFIED

GERMAN, per, Wiss Abhandl Deutsch Materialprufung-santatalt, Vol II, No 7, 1950, pp 76-83.

Navy Tr 566/NRL 472

Scientific - Biology

11,188

Mar 54 CTS

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Investigations on the Fungistatic and Insecticidal Effect of Fractions and Individual Products of Coal Tar Oils, by Bruno Schulze, Gunther Becker.
UNCLASSIFIED

GERMAN, per, Holzforschung, Vol IX, No 4, Berlin, 1948.

Navy Tr 248/NRL 315

13,959

Scientific - [redacted], biology Nov CTS

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Device for Measurement and/or Control of the Level of Glass-In Glass-Melting Furnaces or Similar Devices, by Gustav Becker, Karl-Heinz Hoffman, 8 p.

GERMAN, patent, 1,019, 805, G 17813, IVc/32a, appl. 18 Aug 55, pub. of appl, and issue of pat. 21 Nov 57, by Glaswerke Ruhr Aktiengesellschaft,

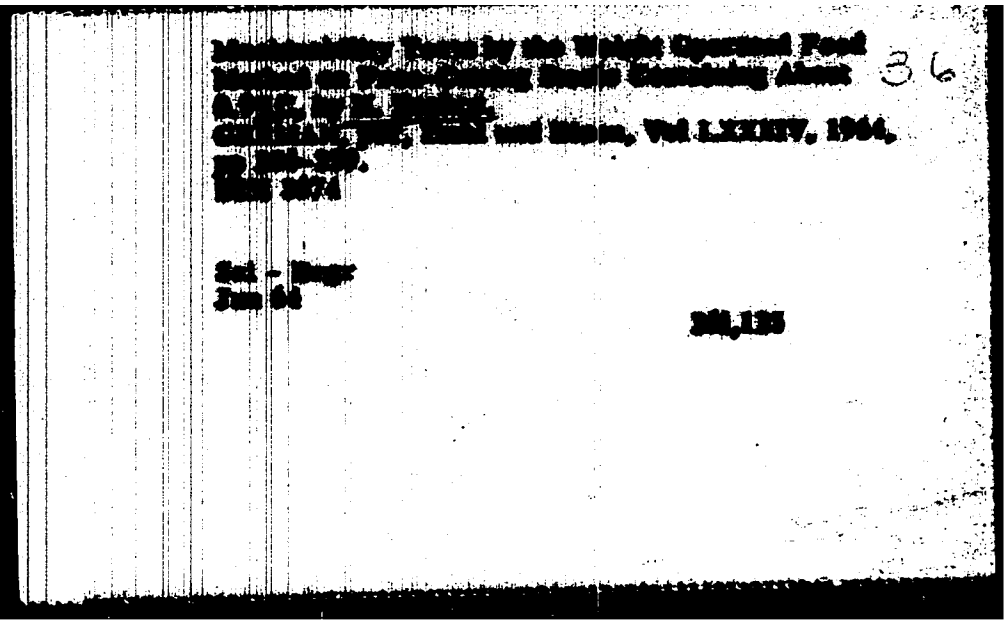
SLA 59-17091

Sci Mar 60 Vol 2, No 11

109611

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

15
72

Discribing Flow Phenomena During the Deep Drawing of Cold Rolled, Annealed 17% Chromium Steel Strip, by H. G. Appel, H. Becker.
GERMAN, per. Z fuer [redacted], Vol LIV, No 12, 1968, pp 724-728,
BISI 3665

Sci - Engr
May 64

258,934

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Statistical Investigations on the Extent of Infestation by the House Longhorn Beetle in Nordrhein-Westfalen, by W. Kuch, H. Becker. GERMAN, per, Holz Als Roh - und Werkstoff, Vol. 21, No. 9, 1963, pp 337-345
CSIRO/No. 6792

H. BECKER

Sci -
July 1967

334-424

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Deetumbing Flow Phenomena During the Deep Drawing of Cold Rolled, Annealed 17% Chromium Steel Strip. by H.G. Appel, H. Becker.
GERMAN. per Zeitschrift F.D. Metallkunde. Vol. 54 No.12 1963. pp 724-728
DS 66/CRL 0186

H. BECKER

Sci -
Sep 67

539-781

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Attenuation of SiO_2 Streaks in Glass by Diffusion and Flow, by H. Becker.
GERMAN, per, Glastechnische Berichte, Vol 35, No 9, 1962, pp. 387-92.
NTC 69-10591-11B

H. Becker

Sci-Mat
July 69

386,759

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

[redacted] and Machinability of Free Cutting Steels Using the Weight-Feed Method, by H. Becker.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 5 Jan 1961, pp 46-50.

BISI 2185

Sci - Engr

171, 416

Oct 61

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Finnish Coast Guard Vessels and Their VHF Equipment, by Lt Cdr H. Becker, 10 pp. UNCLASSIFIED

FINNISH, per, Helvar, 1957, Encl to US NA, Helsinki, 19 Apr 1960.

Navy/ONI 5092539

NorEur - Finland
Mil
Sci - Electronics
May 60

118,365

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

37

Build-Up Welding of Wheel Flanges of Rail Vehicles with the Aid of Shielded Arc Welding,
by H. Becker,
GERMAN, per. Schweissen Schneiden, Vol 10, No 11, 1958, pp 482-486,
BISI 7866

Sci/Mat
Mar 70

H. Becker

404,074

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Welding of Wheel Rims for Railway Rolling Stock by Means of Inert Gas Arc Welding, by H. Becker.

GERMAN, per, Schweissen und Schneiden, Vol X, 1958, pp 442-444.

CSIRO

Sci - Min/Met
Aug 62

211, 478

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Effect of the Manganese and Lead Content of Non-Metallic Inclusions in Free-Cutting Steel, by H. Becker, Hoff.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, 5 Sep 1957, pp 1215-1220.

Crucible Steel
~~Scrap Ex Sch-Tr~~ 695
(FSTC)

57,646

Sci - Min/met
Jan 58

SLA 59-10241
SLA 61-[illegible]

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Mental Effects of a New Psychotonic, by R. Heiss, H. Becher, H. Hiltmann, I. Honsberg, 8 pp.

GERMAN, per, Die Medizinische, Vol VII, 1956, pp 260-262.

SLA Tr 57-1057

Sci - Medicine
Nov 57

54,812

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

A New Instrument for Police Laboratory Investigation (Infrared Image Converter), by E. Becker, 3 pp.

GERMAN, per, Kriminalistik, No 4, Apr 1956, pp 128, 129.

US JPRS/NC-L-978

Sci - Misc; Engr
Sep 58

75-780

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Repair of Chill-Cast Iron Rolls by Welding,
by H. Becker.

GERMAN, per, Stahl und Eisen, Vol LXXIV,
No 12, 1954, pp 1136-1142.

CRL/T 1089

Sci-Materials & Metallurgy
Mar 63

225,352

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Deposit Welding of Steel Rods, by H. Becker.
UNCL

GERMAN, per, Stahl u Eisen, Vol LXXIV, No 18, 1954, pp 1144-1159.

British Iron and Steel Ind
(no number given)

98,164

Sci - Engr
Sep 59

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Theory and Practice of Determining Leak Rates of Reactor Safety Containment, by H. J. Wagner, H. M Becker
GERMAN, per, Atomwirtschaft, Vol 9, No 2, 1964, pp 8-66
GM63/667

H. M. Becker

Sci - Jul 67

334.154

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Heinz, Rechmann, Heinz, and Tillmann, Peter.
CONTRIBUTION TO GRAIN SIZE DETERMINATION THROUGH SEDIMENTATION ANALYSIS, IN THE EQUIVALENT DIAMETER RANGE OF 0.1 TO 10 MICRON. Sep 60, 13p. 17 refs.
Order from SLA mi$2.40, ph$3.30 61-10215

Trans. of Kolloid Zeitschrift (West Germany) 1960, v. 169, no. 1/2, p. 34-41.

An automatic sedimentation scale is described, where a closed cylinder is immersed in the suspension to be analyzed. It is equipped with a diagram recorder which draws a cumulative sedimentation curve in the form of a stepped curve. The sedimenting material itself repeatedly reduces the paper speed of the diagram strip in such a way during settlement, that a simple graphic evaluation with high accuracy is possible. The apparatus permits carrying out grain distribution analyses in a range from 0.1 to 10μ. (Author)

61-10215

1. Particles--Measurement
2. Sedimentation--Applications
I. Becker, H.
II. Rechmann, H.
III. Tillmann, P.

Office of Technical Services
(Chemistry--Analytical, TT, v. 5, no. 7)

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Dispersion of SiO2-streaks in Glasses by Diffusion and by Flow Currents, by H. Becker.
GERMAN, per, Glastech Ber, Vol 35, No 9, 1962, pp 92-387
ACI 01.50

H. Becker

Sci -
Sep 67

340,261

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Reaction on the Vibrations of a Quartz plate by a liquid Surrounding it, by H. E. R. Becker, 21 pp.

GERMAN, per, Annalen der Physik, 5th ser., Vol XXV, Jan 18, 1936, pp 359-372.

S.L.A. Tr 28

32,731

EEur - Germany
Scientific - Physics

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Debye-Scars Diffraction Phenomenon and the Distribution of Energy During Generation of Ultrasonic Waves, by H. E. R. Becker, 19 pp.

GERMAN, per, Ann. der Physick, [illegible] (5), Vol XXV, No 4, 18 Jan 1936, pp 373-384.

S.L.A. No 159/1956
34,386

Scientific - Nuclear physics

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Modulation of Light mf by Means of a Vibrating Quartz Crystal, by H. E. R. Becker, W. Hanle, O. Maercks, 5 pp.

GERMAN, per, Phys Z, Vol XXXVII, No 11, 1 Jun 1936, pp 414-415.

S.L.A. Tr 57-330

48,784

Sci - Physics
Jun 57

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

61-14728

Becker, Hans.
A NEW METHOD OF INVESTIGATING FLOW IN SHEET-GLASS TANKS (Eine Neue Methode zur Erforschung der Strömung in Flachglaswannen). [1961] [18]p. (foreign text included) 6 refs.
Order from SLA $1.60 61-14728

Trans. of Glastechnische Berichte (West Germany) 1960, v. 33, no. 11, p. 411-416.

DESCRIPTORS: *Glass, Fluid flow, Measurement, Cerium, Fluorescence.

Glass containing cerium was added to the metal in a Fourcault tank at specific points and in a specific form. Because of the cerium fluorescence, it is possible to establish the position of the glass containing cerium in the glass sheet and to draw conclusions in regard to the currents in the tank. In the first example, it is described how a fault in a tank brick causing bubbles in the glass can be demonstrated. In the second example, (Materials--Ceramics, TT, v. 6, no. 1) (over)

1. Becker, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

J-58/64

Analysis With Ultraviolet Rays - New Methods and Equipment, by Heinrich Becker, 9 pp.

GERMAN, per, Kriminalistik, M Vol XVII, No 7., 1963 pp 309-316.

JPRS/NY-9008/SPECIAL

Sci - Phys
Jan 64

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

On the Reactions Between Steel and Slag During Tapping and Pouring. Part I, by I. B. Becker, H. Beck.

GERMAN, per, Technische Mitteilungen Krupp, Vol XIX, No 4, 1961, pp 208-213.

HB 5554

Sci-M/M

Aug 63

343,507

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

A New Therapeutic Principle of Application of Radio-Active Isotopes in Closed Elastic Applicators, by J. Becker, K. E. Scheer, 6 pp.

GERMAN, per, Strahlentherapie, Vol XC, No 4, 1953, pp 8.

AERE Harwell Trans 537

Sci - Medicine, medical research, radioisotopes, therapy

31,362

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Heidelberg Technique for Contact-Therapy With Cobalt-60, by J. Becker, K. B. Scheer.

GERMAN, paper P/1130, Proceedings of International Conference on Peaceful Uses of Atomic Energy Held at Geneva 8-20 Aug 1955.

Internatl. Conf -- UH

Sci - Nuclear Physics

CIA 1-669.9.162

52,750

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Inhibition and Reversal ~~fm~~ of the Epinephrine Hypertension in Man, by A. Bernsmeier, H. ~~MK~~ Esser, J. Becker, 15 pp.

GERMAN, per, Z. Ges. Med, Vol CXXI, 1953, pp 430-441.

S.L.A. Tr 1845

Sci - Medicine
Apr 57

46,949

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

A Comparison of the Photochemical Changes of l-Aspartic Acid, l-Asparagine, and Glycyl-Glycine Through X-rays and Ultra-Violet Radiation, by J. P. Becker, 9 pp.

GERMAN, per, Strahlentherapie, Vol LII, 1935, pp 531-536.

S.L.A. Tr 57/434

Sci - Chemistry
Jun 57

48, 795

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Photochemical Changes of l-Aspartic Acid, l-Asparagine, and Chemically Related Substances Caused by X-rays and Ultraviolet Radiation, by J. P. Becker, 9 pp.

GERMAN, per, Strahlentherapie, Vol L, 1934, pp 357.

S.L.A. Tr 57/433

48,796

Sci - Chemistry
Jun 57

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Regarding the Behavior of d,l-Serine, d,l-Phenylalanine, d,l-Alanine, d,l-Lactic Acid, and Propionic Acid in the Presence of X-Rays and Ultraviolet Radiation, by J. P. Becker, 13 pp.

GERMAN, per, Strahlentherapie, Vol LII, 1935, pp 537-544

SLA Tr 57-385

Sci - Chemistry

30,566

Aug 57

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Effect of X-Rays on Glucose, by P. Holtz, J. P. Becker, 5 pp.

GERMAN, per, Arch Exp Pathol Pharmakol, Vol CLXXXII, 1936, pp 160-163.

A.E.R.E. Harwell
11/3/5/377

Scientific - Medicine

Jan 54 CTS/DEX

9193

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Metamorphoses of Some Biologically Important Substances Caused by X-Rays, by J. P. Becker, S. Freytag.

Bell translation.

GERMAN, Archiv fur die gesamte Physiologie des Menschen und der Tiere, 1932, pp 26-32.

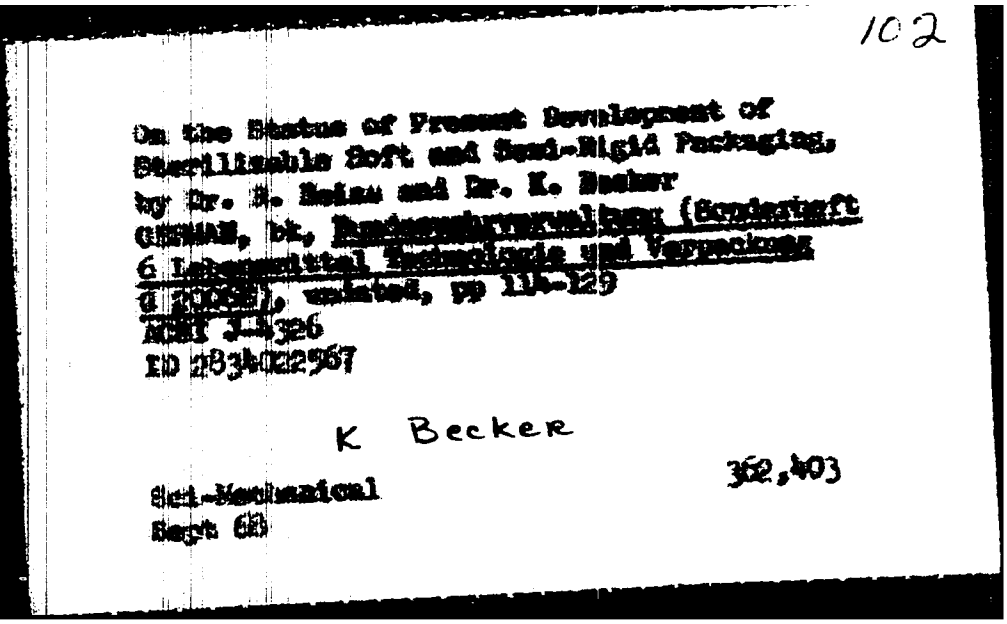
AEC Tr 1615

Scientific - Medicine

Jul 53 CTS 4020

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



102

On the Status of Present Development of
Sterilizable Soft and Semi-Rigid Packaging,
by Dr. H. Reiss and Dr. K. Becker
GERMAN, bk, Kunststoffverpackungen (Synthetic
6 Intergovernmental Technologie und Verpackung
d 2000, updated, pp 115-129
NSRI 3-4326
ED 283402967

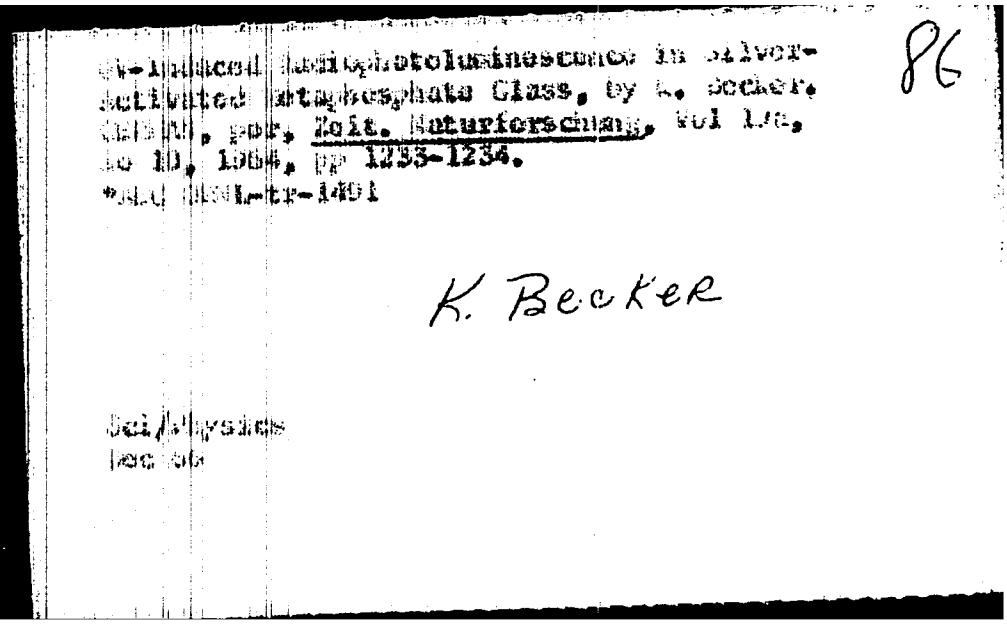
K Becker

362,403

Sci-Mechanical
Dept 68

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



86

[illegible]-induced radiophotoluminescence in silver-activated metaphosphate glass, by K. Becker, Germ., per., Zeit. Naturforschung, Vol 19a, No 10, 1964, pp 1233-1234.
[illegible]-tr-1401

K. Becker

Bell Telephone
Lec Lab

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, K.
SOURCES OF ERRORS WITH NUCLEAR EMULSIONS IN NEUTRON PERSONNEL DOSIMETRY. [1964] 15p 13refs
Order from SLA $1.60 TT-64-10947

Trans. of Atomkernenergie (West Germany) 1963, v. 8, no. 2, p. 74-77.

(Nuclear Physics--Instruments, TT, v. 11, no. 12)

TT-64-10947

1. Becker, K.

[illegible]3424

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Status of Practical Film Dosimetry, by K. Becker, 19 pp.

GERMAN, per, Kerntechnik, Vol III, No 3, 1961, pp 120-126. 9089561

AEC NP Tr-904

Sci - Phys
Aug 62

207, 511

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Problems and Results of the Film Dosimetry of Ionising Radiations, by K. Becker, 52 pp.

GERMAN, per, Photographische Korrespondenz, Vol XCV, No 6-8, 1960, pp 83-88, 99-104, 115-125. 9099888

AEC TP Tr-868

Sci - Phys
May 62

196,775

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Energy D Independent Dosimeter Films, by K. Becker, 58 pp.

GERMAN, bk, Gesellschaft zur Forderung der Kernphysikalischen Forschung, 1960. 9079454

AEC NP-Tr-631

164,826

Sci
Aug 61

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

On Melting Points in the System Tungsten-Rhenium, by K. Becker, K. Moers, 3 pp.

GERMAN, per, Metallwirtschaft Metallwissenschaft Metalltechnik, Vol IX, 1930, pp 1063-1066.

SLA 59-15467

Sci - Chem
Dec 59
Vol 2, No 4

102,765

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

On the Tungsten-Carbon System, by K. Becker, 22 pp.

GERMAN, per, Metallkunde, Vol IX, No 12, Dec 1928, pp 437-441.

SLA Tr 57-329

Ssi - Min/Met

53,303

Sep 57

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

A Wavelength Independent Recording Dosimeter Film, by K. Becker, E. Kline, E. Zeitler, 4 pp.

GERMAN, per, Naturwissenschaften, Vol XLVII, 1960, pp 199, 200.

AEC Tr-4408

Sci - Phys Electron
Apr 61

149,051

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

An Energy-Independent Recording Film for Dose Measurement, by K. Becker,

*AERE, Harwell

Sci - Phys
3 Jan 60

List 47

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Fundamentals and Possibilities of Film Dosimetry, by K. Becker, 21 pp.

GERMAN, per, Atomgraxis, Vol IV, 1958, pp 168-175.

XRX
AERE, Harwell
Tr-895

Sci - Phys
Oct 62

212, 631

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

An Improved Instrument for Determining Permeability of Plastic Films and Sheeting to Dry and Moist Gases, by K. Zipser. [illegible], Summerhill, Vol 34, 1963

K. Barker

331, 570

Sci - Materials
Jul 67

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

On Melting Points in the System Tungsten-Rhenium, by K. Becker, K. Moers, 3 pp.

GERMAN, per, Metallwirtschaft Metallwissenschaft, Metalltechnik, Vol IX, 26 Dec 1930, pp 1063-1066.

SIA 59-15467

Sci - Minerals/Metals
Nov 59

103,294

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Physical and Radiation Properties of Tantalum Carbide, by K. Becker, H. Ewest.

GERMAN, per, Zeitschrift technische physik, Vol XI, Nos 5, 6, 1930.

Brutcher Tr No 232

Scientific - Min/Metals, Physics $8.60

13,964

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Phosphate Glass [redacted] Dosimeter for Routine Personnel Monitoring, by K. Becker, 16 pp.

GERMAN, rpt, Phosphatglasdosimeter fuer die Routine-Personendosisuberwachung in Kerntechnischen Anlagen, 1 Feb 63. 9209200

AEC-Tr-5781

Sci - Nucl Sci

Jul. 63

236,174

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, K.
SOURCES OF ERRORS WITH NUCLEAR EMULSIONS IN NEUTRON PERSONNEL DOSIMETRY. [1964] 15p 13refs
Order from SLA $1.60 TT-64-10947

Trans. of Atomkernenergie (West Germany) 1963, v. 8, no. 2, p. 74-77.

(Nuclear Physics--Instruments, TT, v. 11, no. 12)

TT-64-10947

1. Becker, K.

[illegible]424

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, K.
PROBLEMS AND RESULTS OF FILM DOSIMETRY OF IONIZING RADIATIONS. [1960] 8p.
Order from ATS $11.20 ATS-09M47G

Trans. of Phot[ographische] Korr[espondenz] (Austria) 1960, v. 96, no. 7, p. 99-104.

(Nuclear Physics--Instruments, TT, v. 5, no. 5)

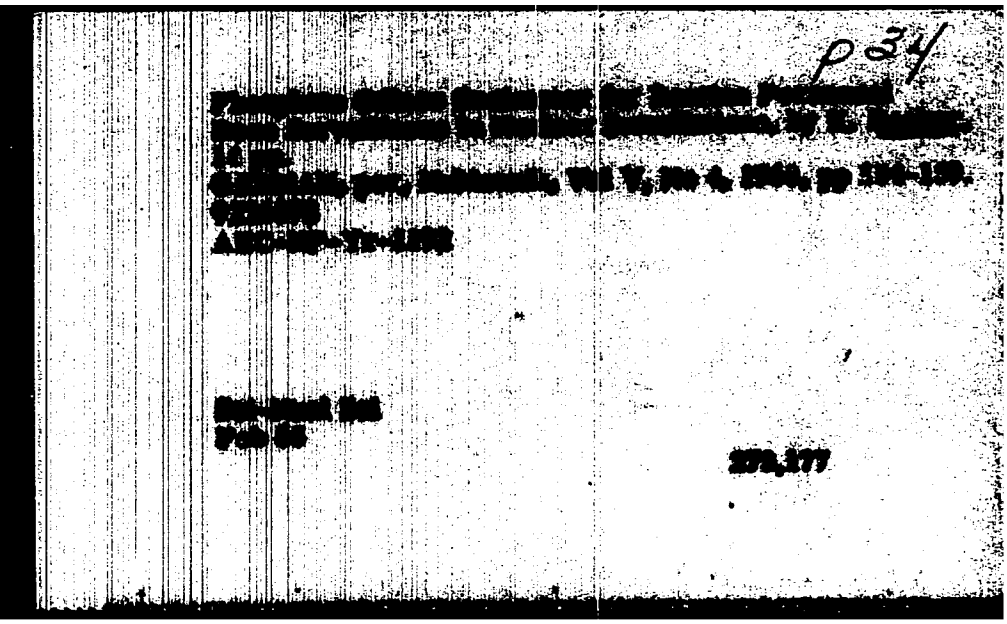
61-12391

1. Radiation meters--Development
2. Title: Film dosimetry
I. Becker, K.
II. ATS-09M47G
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

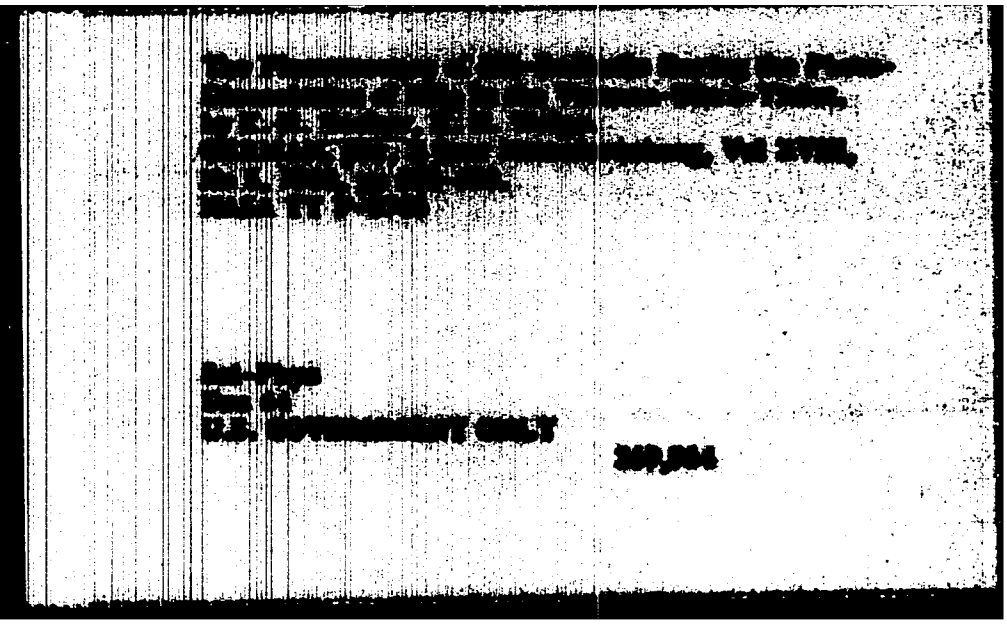
The Measurability of Small Gamma Doses With Photographic Films and Phosphate Glasses, by K. Becker.
GERMAN, per, Kerntechnik, Isotopentechnik und Chemie, Vol VI, No 5, 1964, pp 199-203.
*AEC

p 99

Sci-NS
Mar 65

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Karl.
CONSTITUTION OF TUNGSTEN CARBIDES (Die Konstitution der Wolframcarbide). [1962] [8]p. (foreign text included) 6 refs.
Order from SLA $1.10 62-16106

Trans. of Zeitschrift für Elektrochemie (Germany) 1928, v. 34, p. 640-642.

DESCRIPTORS: Tungsten compounds, Carbides, Electrochemistry.

(Unannounced)

62-16106

1. Becker, K.

217237

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Dispersion Hardening of Cold-Worked Mixed-Crystal Wire, by Curt Agte, Karl Becker, 7 pp.

GERMAN, per, Z fuer Tech Physik, Vol XI, No 4, 1930, pp 107-111.

SLA 60-10306

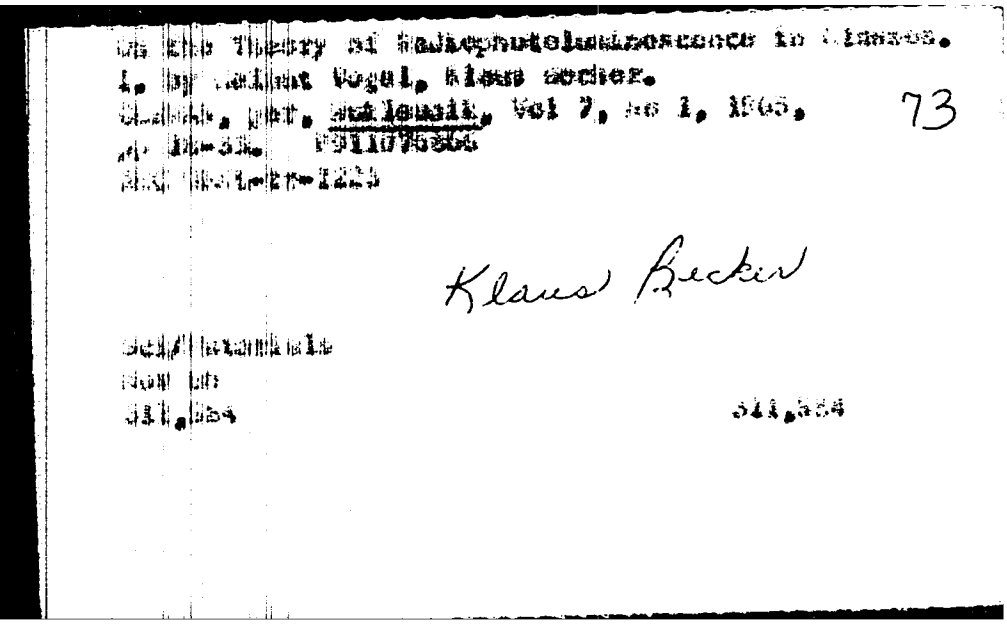
Sci

Jun 60

118,300

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



[redacted] Theory of Relaxation Processes in Liquids.
[redacted] by [redacted] Vogel, Klaus Becker.
[redacted], Part. Relations, Vol 7, No 1, 1965. 73
[redacted] P91107656
[redacted]

Klaus Becker

[redacted]
[redacted]
[redacted] 541.364

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Kurt.
INVESTIGATION OF SOME PHENOMENA IN THE METALLIZING PROCESS (Untersuchungen über die Vorgange beim Flammspritzen). Doctoral Thesis, Polytechnic Inst. of Hannover, 1953. [1962] [47]p.
57 refs.
Order from SLA $4.60 62-18795

Trans. of reprint of Schweissen und Schneiden (West Germany) 1954, v. 6, no. 4, p. 127-142.

DESCRIPTORS: *Metal coatings, *Atomization, Microphotography, Experimental data, Test equipment.

(Engineering--Mechanical, TT, v. 9, no. 11)

62-18795

I. Becker, K.
II. Technische Hochschule, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

62-14248

Becker, Kurt.
WASTE HEAT BOILERS FOR GLASS MELTING TANKS. [1962] 7p. (13 figs. omitted).
Order from SLA $1.10 62-14248

Trans. of Glastechn[ische] Ber[ichte] (West Germany) 1959, v. 32, no. 6, p. 243-246.

DESCRIPTORS: *Glass, Melting, *Tanks, *Boilers, Heat transfer, Design.

(Materials--Ceramics, TT, v. 8, no. 4)

I. Becker, K.

62-20035

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

An Improved Apparatus for the Determination of the Permeability of Synthetic Films to Dry and Wet Gases, by K. Becker.
GERMAN, per, Kunststoffe, vol. 54, 1964, pp. 155-159.
NTC 70-16961-11I

K. Becker

July 1971

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Hand Grenade Liner of Non-Ferrous Metal, by Eugen Arndt, Kurt Becker, Joachim Kozmnick, 3 pp.

GERMAN, Patent No 727,800.

Dept of Commerce
Patent Office
Sci Lib (gift)
SLD -5[illegible]

Sci - Minerals/Metals
Mar 59

83,172

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

1/3

Process and Device to Eliminate the Carbon Deposit in the Combustion Chamber of a Combustion Engine, by Laurence W. Becker, 7 pp.
GERMAN, Patent No 860,434, 22 Dec 1952.
ACSI J-8057
ID 2204002470

Sci/Prop & Fuels
Apr 70

405,633

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

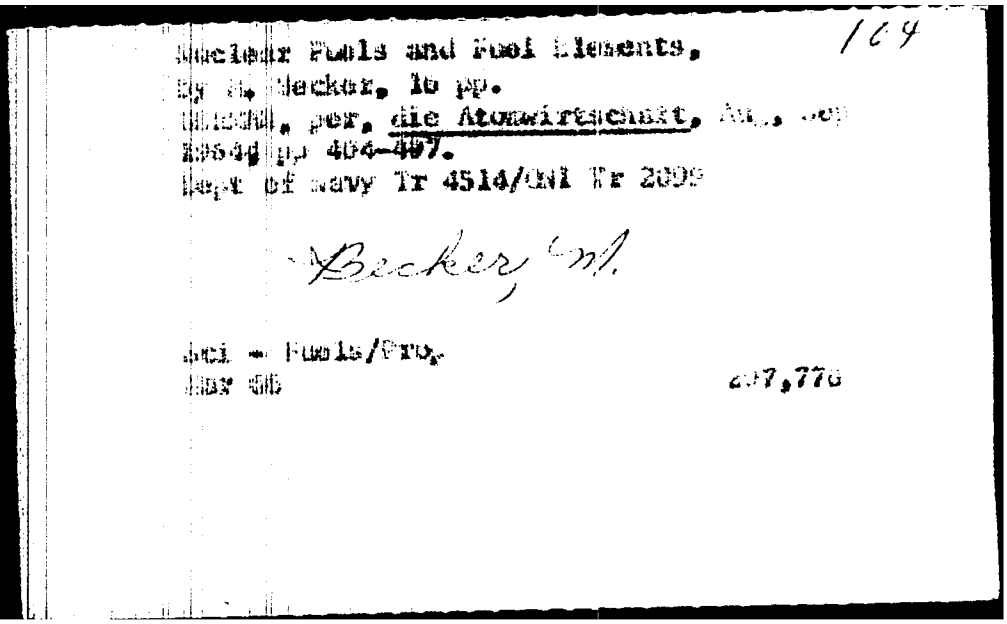
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Nuclear Fuels and Fuel Elements, by M.Becker.
GERMAN, per, Atomwirtschaft, vol. 9, 1964,
p. 404-407.
NTC 70-17132-18J

M. Becker

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



104

Nuclear Fuels and Fuel Elements,
By H. Becker, 16 pp.
[illegible], per, die Atomwirtschaft, Aug. Sep
1956, pp 404-407.
Dept of Navy Tr 4514/ONI Tr 2009

Becker, H.

Nuc - Fuels/Fuels,
Box 68 207,776

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Part 1. Present Status of Knowledge on the Influence of Fat in the Feed on the Functions and Productions of the Animal, by M. Becker.

GERMAN, per unknown.

USDA
North Carolina State College Tr 4/5

Sci - Biology
May 58

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

85

Repair of Railway Wheel Rims by Inert-gas Welding, by H. Becker.
GERMAN, per, Schweissen und Schneiden, Vol 10, No 11, 1958, pp 433-444.
WSRSI 7866

Becker

Sci-Mech
Jan 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Investigating the Oxygen Film on Noble Metal Electrodes, Using Impedance Measurements and Cathodic Charging Curves. I. Smooth Platinum Electrodes, by M. Becker, M. Breiter, 18 pp.

GERMAN, per, Z Elektrochem, Vol LX, No 9/10, 1956, pp 1080-1088.

SLA 60-16482

Sci
OTS, Vol IV, No 3
Sep 60

129,399

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Investigation of the Actual Content of Crude Fat, Pure Fat and Essential Fatty Compounds in Farm Forage, by H. Henkel, M. Becker.

GERMAN, per, Archiv fuer Tierernahrung, Vol X, No 6, 1960, pp 401-413.

Csiro/No 6064

Sel-Chem
May 63

232,141

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Internal Friction of Liquid Au-Ag Alloys by
E. Gebhardt, M. Becker.

GERMAN, Z. Metallk, Vol XXII, No 4, April 1952,
pp 111-117.

TP43/TIB T 3981

Scientific - Min/Metals

13,965

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Investigations on the Nutrient Value of Carob bean for Ruminants with Particular consideration of the adverse effect of the Tannic Acid of this feeder on digestibility of protein. by H. Osiage. H. Becker.
[redacted], per, [redacted], No 8, 1956, pp 3-[illegible]
CSDB/No 7994

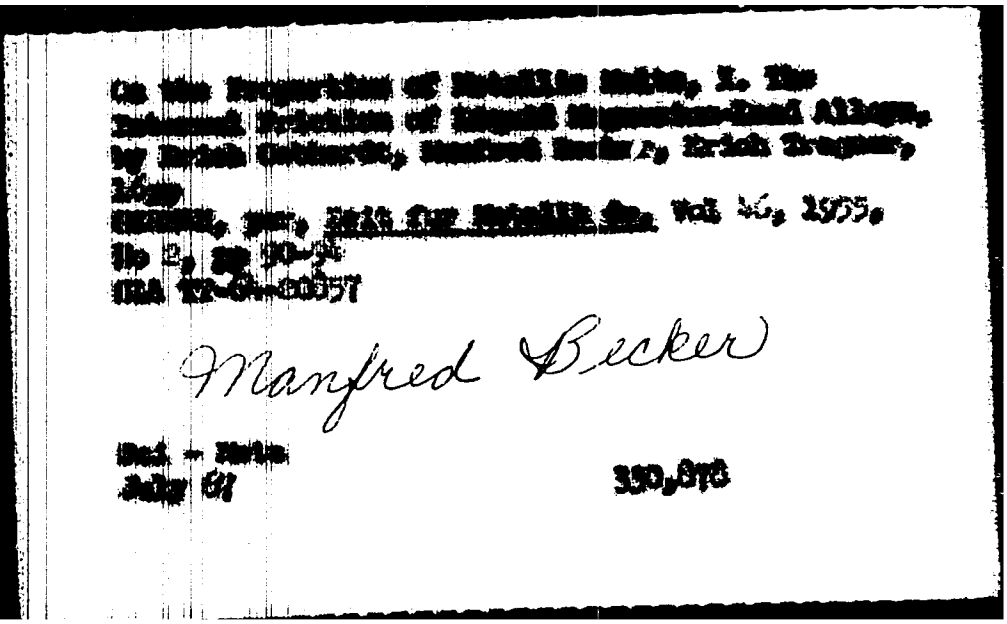
M. Becker

Sci &
Sep 57

240,175

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



Manfred Becker

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Viscosity of Liquid Gold-Silver Alloys, p 52
by Erich Gebhardt, Manfred Becker, 27 pp.
GERMAN, per, Z fuer Metallkunde, Vol XLII, 1951,
pp 111-117. 9226558
AEC-UCRL-Tr-1123

Sci-M/M
Feb 65

273,180

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

The Processes Occurring at the Cathode of Arc Discharges,
by O. Beeck, F. Sommermeyer, 22 pp.

GERMAN, per, Z Physik, Vol CII, 1936, pp 551-561.

AEC MP Tr-834

Sci - Phys
May 62

193, 283

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Concerning the Quaternary of the Alkylideneamines and a General Method Alkylating Primary Amines to Secondary Amines, by H. Decker, P. Becker, 7 pp.

GERMAN, Ber, Justus Liebigs Ann Chem, Col CCCXCV, 1913, pp 362-377.

SLA Tr 2926

Sci - Chemistry
Feb 58

57,507

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

52

Damping by Microscopic Currents, by R. Becker, W. Doring.
GERMAN, bk, Ferromagnetismus, Springer Verlag, 1939, pp 371-382.
NASA TT F-11,721

Sci
Dec 68

368,786

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Reaction of Osmium Tetroxide with Unsaturated Compounds in Presence of Water, by R. Becker. 50
(U) Rpt, Graduate Thesis, Institute fur Org. Chemie der Technischen Hochschule Karlsruhe, 1953, 17 pp.
Unclassified

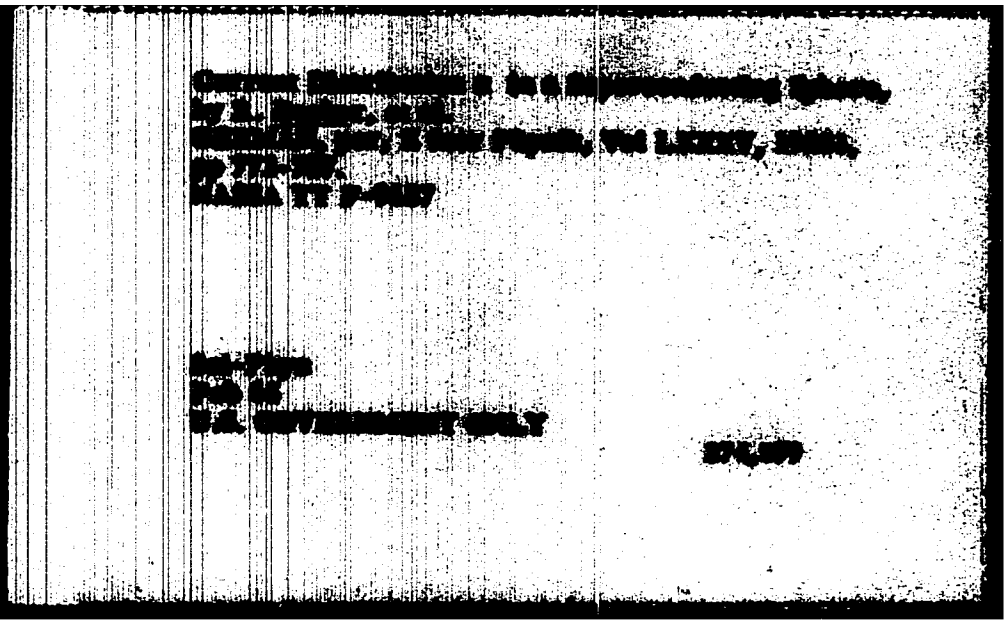
R. Becker

Sci/tech
Doc Cy

514,751

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, R.
SHOCK WAVES AND DETONATIONS: APPLICATIONS [CONCERNING] DETONATIONS. [1963] [16]p. 4 refs.
Order from SLA $1.60 63-14902

Partial trans. (p. 348-362) of Zeitschrift für Physik (Germany) 1921, v. 8 [p. 321-362].
A complete trans. of article is available from SLA as AL-43.

DESCRIPTORS: *Shock waves, *Detonations, Combustion, Explosion effects, Numerical analysis, Detonation waves.

(Mechanics, TT, v. 10, no. 3)

63-14902

I. Becker, R.
II. Title: Applications ...
III. SLA AL-43

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, R.
SHOCK WAVES AND DETONATIONS: INTRODUCTION; THE GENERATION OF THE COMPRESSION WAVE; THE STATIONARY CONDENSATION IMPULSE. [1963] 41p. 36 refs.
Order from SLA $4.60 63-14901

Partial trans. (p. 321-347) of Zeitschrift für Physik (Germany) 1921, v. 8 [p. 321-362].
A complete trans. of article is available from SLA as AL-43.

DESCRIPTORS: *Shock waves, *Detonations, Compressible flow, Differential equations, Thermal conductivity, Structures, Numerical analysis, Detonation waves.

(Mechanics, TT, v. 10, no. 3)

63-14901

I. Becker, R.
II. Title: Generation ...
III. Title: Stationary ...
IV. SLA AL-43

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Tension Energy, by R. Becker, W. Doring, 36 pp.

GERMAN, bk, Ferromagnetismus, Chap XI, 1939,
pp 128-146. 9684971

Emmanuel Coll Res Lang Ctr
E-T-C-63-12

Sci - Phys
Aug 63

342,106

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Plasticity, Hardening, and Recrystallization,
by R. Becker, 12 pp

GERMAN, per, Z Tech Phys, No 7, 1926,
pp 547-555.

AEC Tr No 2110

23,593

Scientific - Physics May 55 CTS

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Some Magneto-Elastic E Torsion Experiments, by
M. Kornetzki, R. Becker.

GERMAN, per, Zeitschrift fur Physik, Vol LXXXVIII,
May 1934, pp 634-646.

Navy Tr 3484/APL 717

Sci - Phys
Aug 63

238,319

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Shock Wave and Detonation, by R. Becker

GERMAN, per, Z Physik, Vol VIII, 1922, pp 321-362.

S.L.A. To Pool

Scientific - Physics
CIS/DEK

14,206

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Kinetic Treatment of the Nucleation in Super-
saturated Vapors, by R. Becker, W. Doring,
43 pp. UNCLASSIFIED

GERMAN, per, Annalen der Physik, Vol XXIV,
No 5, 1935, pp 719-752.

Brutcher No 3655
#7.60

RT5-324-GJ

Henry Brutcher
Part II - no 3656
Part III - no 3657

NACA TM 1374

Scientific - Physics

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, R.
AN EQUATION OF STATE FOR NITROGEN AT HIGH DENSITIES. [1963] 15p (figs tables formulae omitted) 10refs
Order from SLA $1.60 TT-63-20393

Trans. of Z[eitschrift für] Physik (Germany) 1921, v. 4, p. 393-409.

DESCRIPTORS: *Nitrogen, *Liquefied gases, *Explosive materials, *Equations of state, Quantum mechanics.

(Physics, TT, v. 11, no. 3)

TT-63-20393

I. Becker, R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Becker, Rudolf.
USE OF REGENERATORS IN LOW TEMPERATURE TECHNIQUE. PARTICULARLY FOR THE ENRICHMENT OF ETHYLENE FROM COKE OVEN GAS.
[1961] [15]p.
Order from SLA $1.60

61-20963

Trans. of Linde Ber[ichte aus] Tech[nik und] Wiss[enschaft?] 1958, no. 3, p. 25-32.

DESCRIPTORS: *Ethylenes, Production, Temperature, Coke, Gases, Separation, Heat transfer, Costs, *Heat exchangers, Coal gas.

(Engineering--Chemical, TT, v. 7, no. 8)

61-20963

1. Becker, R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100140029-1

Beams of Condensed Hydrogen Condensed Helium and Condensed Nitrogen in High Vacuum, by R. W. Becker.
GERMAN, per, Z. fuer Naturforsch., Vol XVIIA, 1962, pp 432-438.

AEC-Risley Tr-498

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